Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 06 Feb 2023 until 23:59 on Tuesday 07 Feb 2023

Forecast Issued on Sunday 05 Feb 2023 at 12:31

Confidence: High for the pattern but lowering for cloud detail.

Headline for Monday 06 Feb 2023: Dry by day with sunny then brighter spells. Relatively light winds.

Mountain weather hazards on Monday 06 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny intervals	Cloudy	Cloudy	Partly cloudy (night)	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	10%

Forecast for Monday 06 Feb 2023

Weather: A dry day with prolonged clear periods overnight, then early sunny spells at first, but higher cloud increasing during the morning leading to only brighter intervals for the afternoon. Cloud lowering during the evening to bring the chance of some patchy rain towards midnight.

Chance of cloud-free hill tops above 600m: 90% plus by day

Low cloud and visibility: Good becoming very poor within cloud but bases generally above the peaks by day

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Monday 06 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 SW	12/17 SW	15/21 SW	15/21 SW	13/18 SW	10/14 SW	13/18 SW	13/17 SW	12/17 SW
300	5/8 S	5/8 S	7/13 S	6/11 S	6/10 SW	6/10 SW	6/10 SW	6/12 SW	5/10 SW
Valley	3/8 SE	2/9 SW	3/13 S	3/13 SW	4/9 S	3/9 SW	3/10 SW	4/13 S	4/12 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-3	1/-4	0/-5	0/-6	2/-3	2/-2	0/-4	0/-5	-0/-5
300	2/-0	1/-1	1/-2	1/-2	3/1	5/3	2/-1	2/-1	1/-2
Valley	1/-1	-1/-2	-1/-3	0/-2	3/2	5/4	2/-0	1/-1	0/-2
Freezing Level*	400m	300m	200m	100m	400m	500m	500m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Isolated severe wind chill effect across highest peaks. Freezing level is generally above summits but occasional sub-zero layers at lower levels due to overnight cooling.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 05 Feb 2023	2.2mm	3.2mm	11mm

Forecast for Tuesday 07 Feb 2023

Weather: Some brighter spells breaking through the mainly cloudy skies. Most staying dry but some patchy light rain will appear sporadically.

Maximum wind: West to southwest 15mph or less

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases infrequently lowering 500m

Temperature:
Valleys: Minus 4 Celsius rising 9 Celsius for the afternoon
At 600m: Plus 2 Celsius
Freezing level: Generally above all summits but occasional sub-zero layers at lower levels due to overnight cooling.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.